D-Link®

All-in-One Router / Storage / Photo Frame

- Award-Winning Xtreme N Wireless Technology
- Add a 2.5" SATA Hard Drive[2] (not included) for network storage
- Have the freedom to access your stored files over the Internet
- Connect and share a USB printer or storage device to your network
- The 3.2" color LCD lets you view photos including those from photo sharing sites
- View stored digital content on your TV through UPnP® AV media players[3] including PlayStation® 3 and XBox 360®

Xtreme N™ Storage Router

D-Link® is proud to present the new Xtreme N™ Storage Router (DIR-685). By combining the superior features of a wireless N router, a built-in Network Attached Storage (NAS), digital photo frame, and D-Link Green power saving features the DIR-685 creates the ultimate user experience while conserving energy.

Experience faster speed and longer range in your home or office network with the latest 802.11n 2.4GHz wireless technology[1]. By adding a 2.5" SATA Hard Drive, the DIR-685 allows you to share storage over your network and access files over the Internet with the built-in FTP server.

Featuring a built-in UPnP® AV server, streaming network stored videos through a compatible media player (including PlayStation® 3 and Xbox 360®) onto your television has never been easier thanks to the DIR-685.

The upright design shows off the attractive view of the 1.6 million color 3.2" LCD screen with sleek touch-sensitive buttons that provide a modern feel to allow easy control of device functions and digital display of photographs. Easily access and share your photographs from popular photo sharing sites through FrameChannel™.

framechannel CERTIFIED framechannel

BitTorrent™ CERTIFIED

Hard Drive Not Included

High-speed Connection

With an integrated 802.11n high-speed band and a 2.4GHz signal, you can experience full wireless coverage throughout your network. Experience faster speed and longer range with powerful internal MIMO antennas.

Share Storage Over a Network or Internet[2]

The DIR-685 has the ability to hold a compact 2.5" hard drive and includes a built-in NAS, which allows you to safely store files on your home network. A built-in FTP server is also included to allow you convenient access to storage wherever Internet is available.

BitTorrent Support™

The DIR-685 includes the latest BitTorrent™ software support so you can access and store digital media directly from the Internet without the need for a dedicated PC to be turned on or connected.

Video Streaming

A built-in Universal Plug and Play (UPnP®) AV server allows you to easily stream video files stored on your network through a compatible media player onto your television. You can even stream files from your Xbox 360® and PlayStation3® gaming system.

Internet Photo Frame

Share your latest photos with family and friends using FrameChannel®, Flickr™, Picasa®, Facebook®, and other popular photo sharing sites using your FrameChannel® account. You can also use the DIR-685 to subscribe to your favorite RSS feeds. Get the latest news, stock updates, sports scores, clock, calendar, weather conditions, and more directly on your frame.

SharePort™ Technology

With two USB 2.0 ports, you can connect a printer and an external storage device to share throughout your network. You can even share a multifunction printer. SharePort™ is Mac compatible.

Gigabit Ethernet Ports

Includes Ethernet Gigabit ports for file transfer rates up to 10x faster than the standard 10/100 Ethernet ports.

File Uploader Widget Tool

The downloadable Storage Router Widget™ makes uploading music, photos and file documents from a PC to your storage router easy and simple. The widget allows you to choose specific files from your PC and view the upload status to your router.

What This Product Does

Create a wireless network to share high-speed Internet access with computers, game consoles and media players. Safely store files, print and share photos through your home or office.

Xtreme N™ Storage Router Benefits

+ Intelligent Wireless Prioritization Technology
+ Xtreme N technology allows for farther home coverage[1]
+ Secure your wireless network using advanced WPA™ or WPA2™ encryption
+ WiFi® Protected Set-up (WPS) touch-sensitive button to easily add devices to your network
+ Easy to get started with the new D-Link Quick Router Setup Wizard[7]
+ Supports Good Neighbor Policy – will not interfere with other wireless networks
+ Backward compatible with 802.11g devices including game consoles and digital media players

Think Green

dlinkgreen

D-Link Green™ devices are about providing eco-friendly alternatives without compromising performance. They are designed to help conserve energy, protect our environment from harmful substances, and reduce waste by using recyclable packaging.

Conserves Energy

+ Automatically powers down ports that have no link
+ Budgets power output for different Ethernet cable lengths
+ Includes wireless LAN scheduling, which can shut down your wireless network when not in use for further power savings
+ Reduces energy consumption by using an Energy Star® qualified power adapter
+ During periods of no activity the LCD display automatically enters sleep mode to further reduce energy usage.

Protecting the Environment

+ Complies with the European Union's RoHS directive that restricts the use of certain hazardous materials
+ Uses recyclable packaging to help reduce waste that goes into the environment

Technical Specifications

STANDARDS
+ IEEE 802.11n (draft 2.0)
+ IEEE 802.11g
+ IEEE 802.3
+ IEEE 802.3u

DEVICE INTERFACE
+ 4 Gigabit LAN Ports
+ 1 Gigabit WAN Port
+ 2 USB Ports (SharePort™ and WCN)

ANTENNA TYPE
Internal Antennas

SECURITY
Wi-Fi Protected Access™ (WPA™, WPA2™)

ADVANCED FIREWALL FEATURES
+ Network Address Translation (NAT)
+ Stateful Packet Inspection (SPI)
+ VPN Pass-through / Multi-sessions
PPTP / L2TP / IPSec

LEDS
+ Power
+ LCD

DISPLAY PANEL
+ 3.2 inch TFT LCD
+ 1.6 million colors

CONFIGURATION MANAGEMENT
Internet Explorer® v6 or Later; Mozilla® Firefox® v2.0 or Later; or other Java-enabled Browsers

BUTTONS
+ Touch Sensitive Navigation controls
+ WPS
+ Hard Drive Unmount
+ Reset

SUPPORTED HARD DRIVE TYPE
2.5 inch SATA hard drive[2] up to 1TB

NAS
+ UPnP™ AV server for streaming media to compatible media players[3]
+ Built-in FTP server for file access from over the Internet[4]
+ Scheduled downloads from Web or FTP sites
+ Power management for conserving energy and extending hard drive life
+ Real time backups with the included backup software
+ Multi-language file name support

CERTIFICATIONS
+ FCC Class B
+ IC
+ WiFi®

DIMENSIONS
+ Item (WxDxH): 4.4"x 5.8"x 1.2"
+ Packaging (WxDxH): 11.1"x 9.6"x 3.2"

WEIGHT
+ Item: 0.5 lbs
+ Packaging: 2.0 lbs

WARRANTY
1-Year Limited [5]

xtreme n™ family comparison

benefits	DIR-655	DIR-825	DIR-855	DIR-685
greater wireless coverage for homes & offices	●	●	●	●
enable lag free gaming	●	●	●	●
enable steady video streaming	●	●	●	●
allow jitter-free Internet phone calls (VoIP)	●	●	●	●
share a USB storage device or printer	●	●	●	●
help conserve energy through D-Link Green™	●	●	●	●
create two wireless networks (2.4GHz & 5 GHz)		●	●	
view network activity status on router screen			●	●
view photos and RSS feeds on router screen				●
easily store & access files on the built-in NAS[2]				●
share photos from popular photo sharing sites using FrameChannel®				●
access stored files[2] over the Internet with the built-in FTP server				●
transfer digital media directly from the Internet to the built-in NAS[2] using BitTorrent™				●
view stored digital content[2] on your TV through Xbox 360® or other UPnP® AV media players				●

[1] Maximum wireless signal rate derived from IEEE Standard 802.11g and draft 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, buildings materials and construction, and network overhead, lower actual data throughput rate. Environmental factors will adversely affect wireless signal range. Wireless range and speed rates are D-Link RELATIVE performance measurements based on the wireless range and speed rates of a standard Wireless G product from D-Link
[2] Hard Drive(s) not included. An internal 2.5"SATA drive is required to store or share your files May not work with older generation SATA drives.
[3] D-Link cannot guarantee full compatibility of proper playback with all codecs. Playback compatibility depends on the codec support of the UPnP AV media player.
[4] Use of an FTP Server to access files of over the Internet does not provide for secure or encrypted transmissions. It is recommended that the end-user utilize a Virtual Private Network (VPN) to establish a secure FTP session
[5] 1-Year Limited Warranty available only in the USA and Canada.
[6] Computer must adhere to Microsoft's recommended System Requirements.
[7] The software included with this product is not Mac-compatible. However, a SharePort utility for Mac is provided.
[8] Latest software and documentation are available at http://support.dlink.com

This product is based on IEEE draft 802.11n specifications and is not guaranteed to be forward compatible with future versions of IEEE 802.11n specifications. Compatibility with draft 802.11n devices from other manufacturers is not guaranteed. All references to speed and range are for comparison purposes only. Product specifications, size and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.

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Works with Windows Vista™

Wi-Fi PROTECTED SETUP

bgWiFin DRAFT CERTIFIED®

RECOMMENDED SYSTEM REQUIREMENTS
+ For Optimal Wireless Performance:
- Use with Xtreme N Adapters (DWA-552, DWA-556, DWA-643, DWA-652, or DWA-160)

MINIMUM SYSTEM REQUIREMENTS
Computer with:
- Windows Vista™[6] Windows® XP SP2, or Mac OS® X (v10.4)[7]
- Internet Explorer v6 or Mozilla Firefox v2.0
- CD-ROM Drive
- Network Interface Card
+ For Internet Access
- Cable or DSL Modem
- Subscription with an Internet Service Provider (ISP)

PACKAGE CONTENTS
+ Xtreme N Storage Router
+ CAT5 Ethernet Cable
+ Stand
+ Power Adapter
+ CD-ROM[8] with
- Installation Wizard
- Product Documentation